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INFORMATION REPORT

COUNTRY **Soviet Union**

SUBJECT **Guided Missile Research**

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1. The Soviet research institute for remote-controlled rockets (the further development of the V-2) is located on the island of Gorodomlya in Lake Ossarov (post office Ostatshkov). There are still 152 German experts at Gorodomlya. The institute is partly quartered in a former serum works whose installations are of American and English manufacture. Much of the production equipment was destroyed by an explosion in July 1953. The shops have recently been rebuilt with so-called light construction sheets.
2. The research station (firing base) has been transferred to Kazakstan. The exact location is not known. About 20 German scientists and technicians were to have been released in January 1954, but their discharge was suddenly put off for an unknown period. Development of the V-2 rocket was already finished in October 1953. They are now provided with wings. The wings are swept back about 60 degrees. The wing surface is about 8 sq. meters. The complete power unit is manufactured by the Molotov works. Estimated about 38 metric tons. The range is supposed to be 580 km. Target accuracy is supposed to be 1.2 percent of the flight range.
3. The Russians at Gorodomlya are working at the present time on a two-stage rocket, of which no details are known. This very likely is the reason why the German scientists have not been released. Work apparently is going on at various places in the Soviet Union on the same problem, because some of the German technicians were formerly employed at Lake Baikal and only came to Gorodomlya in 1953. According to their statements they had been working at Lake Baikal on a two-stage rocket since 1946. This work had a German design for a two-stage rocket as a beginning. This design was dropped however, because it was found after numerous trials that the starting rocket was not powerful enough to impart sufficient speed and height to the bombing head. The construction of an entirely new starting rocket with a thrust of about 250 tons was then undertaken. How far this undertaking has succeeded is not known.

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